



## LSA-PLUS® Series 2

Connection and Disconnection Modules and Accessories

1<sup>st</sup> Edition



## LSA-PLUS® Series 2

### Connection and Disconnection Modules and Accessories

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A technically and commercially superior quick connection system for all state-of-the-art networks. Contacts that ensure the highest degree of reliability even under the most adverse environmental and climatic conditions. A completely reliable, gas-tight connection between the contact and conductor. That's LSA-PLUS® technology.

The LSA-PLUS System family consists of a comprehensive and diverse range of high density, standard and special modules, mounting hardware, test and patch cords, accessories and protection devices.

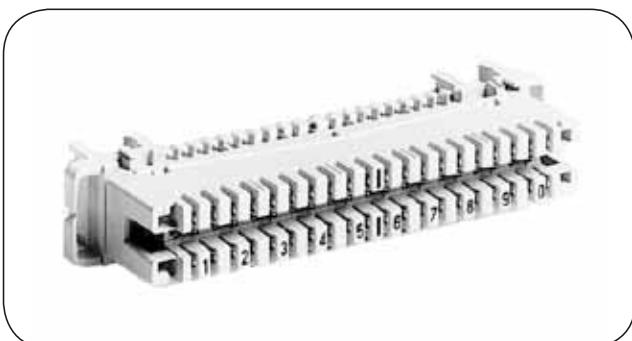
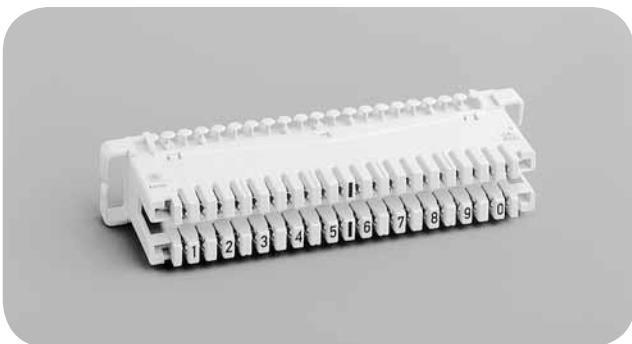
Voice, high-speed data transmission via ISDN, ADSL, VDSL, cable TV, Internet access, mobile networks: working in conjunction with TE Connectivity you will be able to confidently face the issues created by vast amounts of network traffic. In addition, TE quality ensures total end-customer satisfaction. TE copper connectivity solutions are designed to deliver fast, safe and reliable transmission.

# LSA-PLUS® and LSA PROFIL® Connection Modules

## Series 2 Eight- and Ten-Pair Modules

### FEATURES & BENEFITS

- Based on genuine LSA-PLUS® connection technology
- Available in eight- and ten-pair configurations with parallel test access or overvoltage protection contact
- LSA-PLUS modules mount on back mount frames
- LSA PROFIL modules mount on profile rods (8-pair modules: 75mm spacing between rods; 10-pair modules: 95mm spacing between rods) or on back mount frames
- Suitable for use in all xDSL and ADSL2+ circuits
- Robust long-term environmental stability allows both indoor and outdoor installation
- Supports all LSA-PLUS Series 2 accessories
  - Overvoltage protection magazine
  - Labels
  - Test and connection cords



### ORDERING INFORMATION

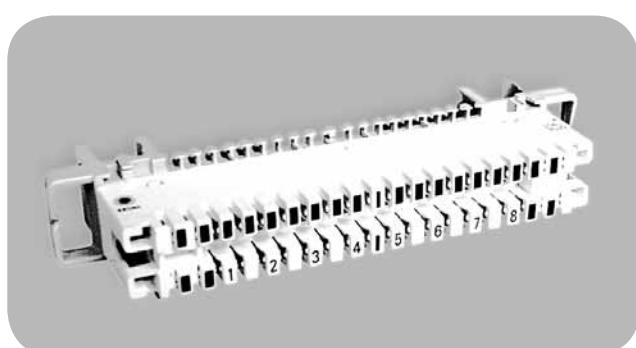
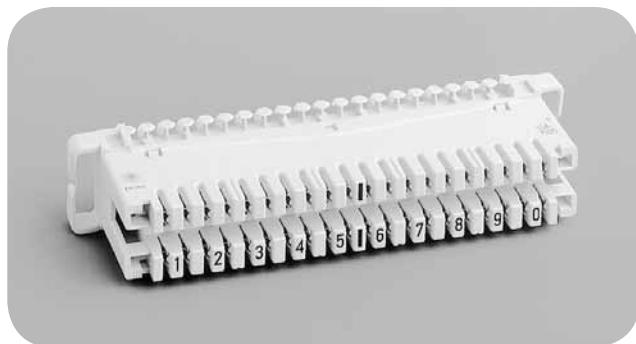
Description	Catalog Number
<b>8-pair modules</b>	
<b>LSA-PLUS</b> Series 2 connection module, cable end up, no color code. Printed: jumper side 1....8	6036 1 002-00
<b>LSA PROFIL</b> Series 2 connection module, no color code. Printed: jumper side 1....8	6036 1 004-00
<b>10-pair modules</b>	
<b>LSA-PLUS</b> Series 2 connection module	
Cable end up, no color code. Printed: jumper side 1....0	6089 1 002-02
Cable end up, with color code. Printed: jumper side 1....0	6089 1 002-01
Cable end up, no color code. Printed: jumper side 0....9	6089 1 002-06
<b>LSA PROFIL</b> Series 2 connection module	
No color code. Printed: jumper side 1....0	6089 1 120-02
With color code. Printed: jumper side 1....0	6089 1 120-01
No color code. With large jumper guides. Printed: jumper side 1...0	6089 1 120-19
No color code. No jumper guides. Printed: jumper side 1....0	6089 1 120-23

# LSA-PLUS® and LSA PROFIL® Disconnection Modules

## Series 2 Eight- and Ten-Pair Modules

### FEATURES & BENEFITS

- Eight- and ten-pair modules with disconnection points for opening the line, testing in both directions or insertion of graded protection elements
- Based on genuine LSA-PLUS® connection technology
- LSA-PLUS modules mount on back mount frames
- LSA PROFIL modules mount on profile rods (8-pair modules: 75 or 95mm spacing between rods; 10-pair modules: 95mm spacing between rods) or on back mount frames
- Suitable for use in all xDSL and ADSL2+ circuits
- Robust long-term environmental stability allows both indoor and outdoor installation
- Supports all LSA-PLUS Series 2 accessories
  - Overvoltage protection magazine
  - Labels
  - Test and connection cords



### ORDERING INFORMATION

Description	Catalog Number
<b>8-pair modules</b>	
LSA-PLUS Series 2 disconnection module, no color code. Printed: jumper side 1...8 Quantity: 10	6036 1 102-00
LSA PROFIL Series 2 disconnection module. <b>For profile rod installations with 75mm spacing between rods.</b> No color code. Printed: jumper side 1...8	6036 1 005-00
LSA PROFIL Series 2 disconnection module. <b>For profile rod installations with 95mm spacing between rods.</b>	
No color code. With jumper guides. Printed: jumper side 1...8	6089 1 128-00
No color code. With jumper guides. Printed: jumper side 1...8	6089 1 128-01
No color code. With large jumper guides. Printed: jumper side 1...8	6089 1 128-02
No color code. With jumper guides; no dummy insert. Printed: jumper side 1...8	6089 1 121-47
<b>10-pair modules</b>	
<b>LSA-PLUS Series 2 disconnection module</b>	
No color code. Printed: jumper side 1...0	6089 1 102-02
With color code. Printed: jumper side 1...0	6089 1 102-01
No color code. Printed: jumper side 0...9	6089 1 102-06
With color code. Printed: jumper side 1...0	6089 1 102-09
<b>LSA PROFIL Series 2 disconnection module</b>	
No color code. Printed: jumper side 1...0	6089 1 121-02
With color code. Printed: jumper side 1...0	6089 1 121-01
No color code. With large jumper guides. Printed: jumper side 1...0	6089 1 121-17
No color code. No jumper guides. Printed: jumper side 1...0	6089 1 121-30

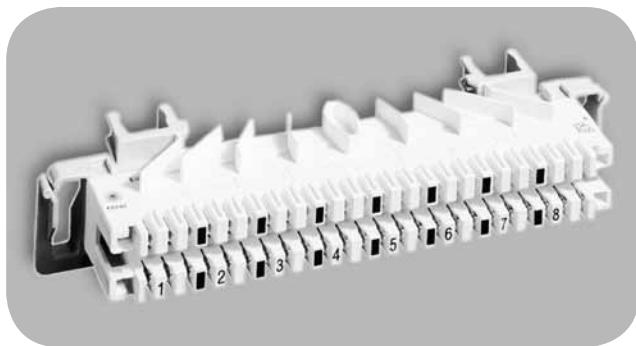
# LSA PROFIL® Series 2

## Disconnection Module for 2 Mbps Networks

### DESCRIPTION

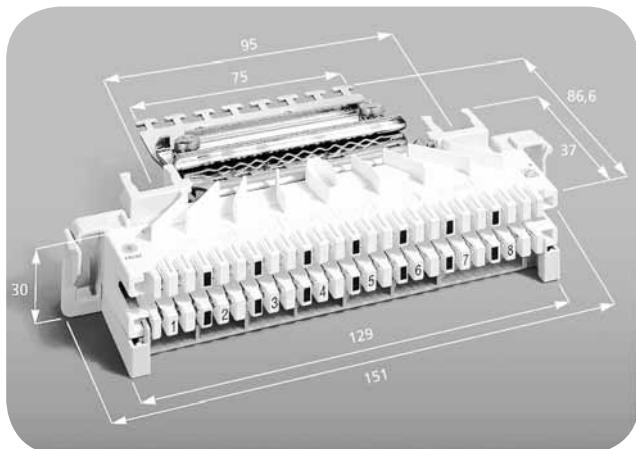
The expansion of mobile communications networks, the introduction of new mobile phone systems (3G, UMTS, 4G, LTE) and the steady growth of IP networks, have created a demand for bandwidth in both access and transmission networks. This in turn causes the extension of existing hubs and the installation of new hubs.

The ADC KRONE PROFIL system provides a foundation for networks served by 2 Mbps copper pairs with impedance of 120 Ohms.



### FEATURES & BENEFITS

- Disconnection module for the distribution of eight shielded pairs
- Applications include:
  - Internet backbone
  - GSM networks
  - UMTS networks
- Complies with ITU-T G.703 recommendations (physical/electrical characteristics of hierarchical digital interfaces)
- Category 6-rated NEXT performance
- Compatible with a wide-range of LSA-PLUS® Series 2 accessories
- Accessories disconnect only the Line A/Line B contacts, while the shielding remains interconnected. Plugs and cords are available to disconnect the shield, should that be required
- Ports are marked on the module



### ORDERING INFORMATION

Description	Catalog Number
LSA PROFIL Series 2 8-pair disconnection module for shielded twisted pair	
With left and right jumper guides	7015 1 008-01
With 3 wire guides for jumpers to the left	7015 1 004-50
With 3 wire guides for jumpers to the right	7015 1 005-50
Accessories	
Hinged label holder	7015 1 003-50
Cable support with cable mounting and shield contact for 1 cable with 8 pairs Depth: 12mm	7015 1 009-01
Cable support with cable mounting and shield contact for 8 cables with 1 pair Depth: 3mm	7015 1 009-11
Universal cable support for 1-, 2- and 4-pair cables. Depth: 3-6mm	7015 1 009-21

# LSA-PLUS® and LSA PROFIL® Modules

## Mounting and Labelling Accessories

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### Back mount frames

#### SELECTION CRITERIA

Calculating necessary installation space: Back mount frame length = Module spacing x (number of modules - 1) + 20mm

**Frame depth:** based on conductor diameter of 0.5mm, including insulation of 1.5mm. Deeper frames must be selected for wires measuring 0.6mm - 0.9mm, or when the cable is fed through the frame bundle by bundle.

- Up to 70 pairs: >12mm
- Up to 100 pairs: >22mm
- Up to 200 pairs: >30mm
- 200 pairs or greater: >50mm

#### MODULE SPACING:

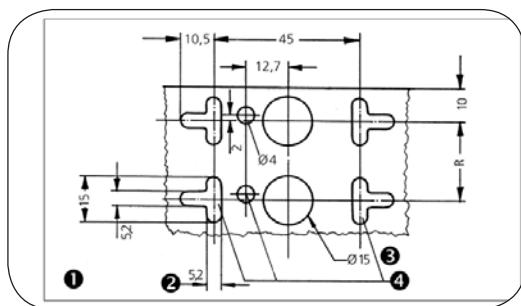
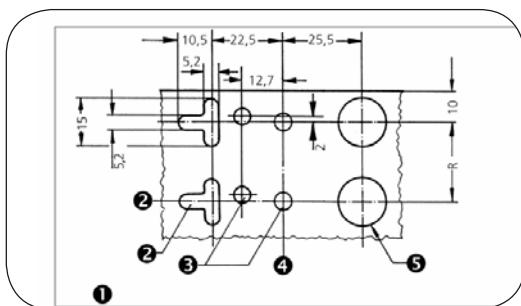
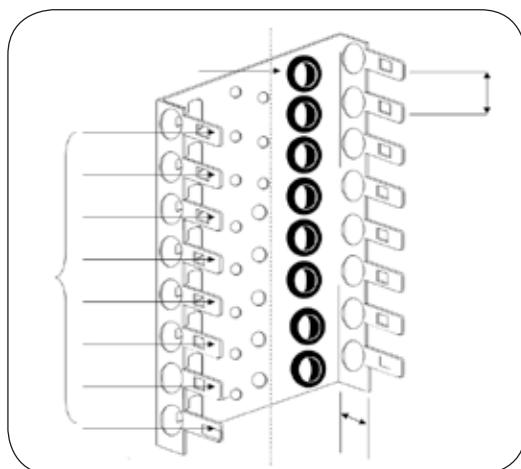
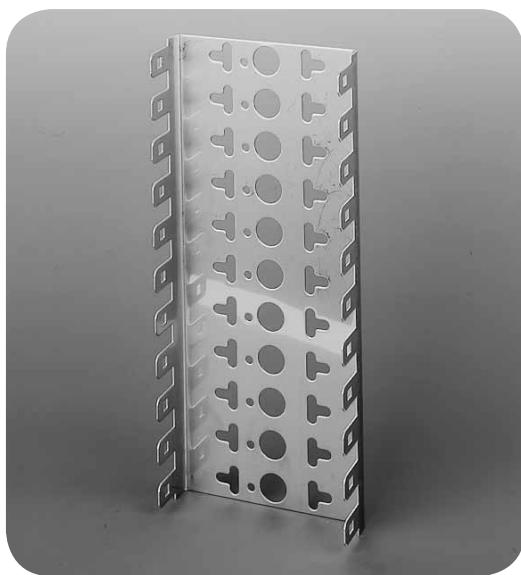
- 25mm with jumper guides on one side
- 22.5mm with jumper guides on two sides
- 27.5mm with jumper guides on one side, when wire with thicker insulation is used

#### HOLE PATTERN:

- Hole pattern 1: Central cable entry. Used with mounting adapters for wall mounting or for installation in customer premises connection boxes
- Hole pattern 2: Right-side cable entry, for universal use with asymmetrical mounting

# LSA-PLUS® and LSA PROFIL® Modules

Back Mount Frames with 22.5mm and 25.0mm Module Spacing



## ORDERING INFORMATION

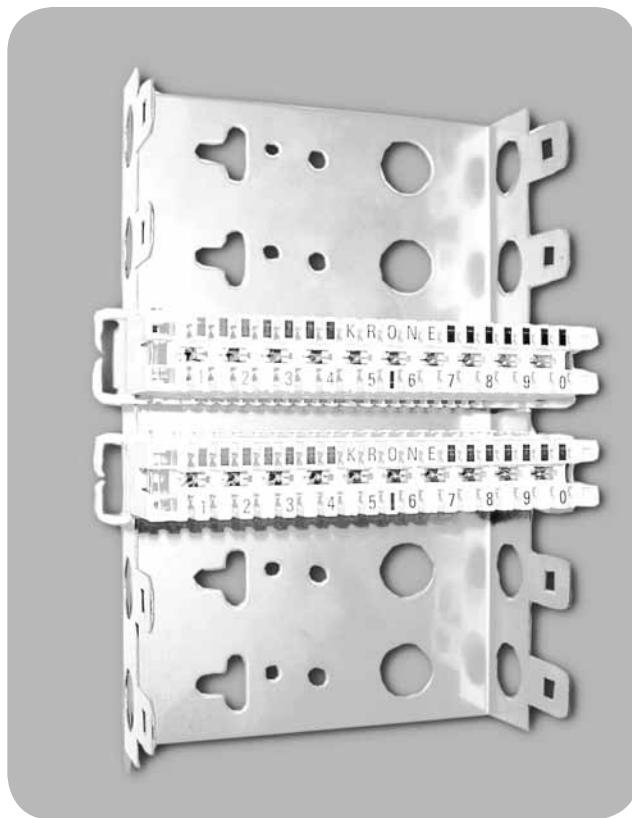
Description	Module spacing	Number of Modules	Catalog Number
<b>LSA-PLUS Series 2, 10-pair, Depth of cable space/frame: 22.5mm Hole pattern: 1</b>	12mm	1 to 11	6050 3 112- 01...11
	22mm	1 to 22	6050 3 122- 01...22
	30mm	1 to 33	6050 3 130- 01...33
	50mm	10 to 50	6050 3 150- 10...50
<b>LSA-PLUS Series 2, 10-pair, Depth of cable space/frame: 25mm Hole pattern: 2</b>	22mm	1 to 22	6442 3 222- 01...22
	30mm	1 to 33	6442 3 230- 01...33
	50mm	10 to 50	6442 3 250- 10...50
	70mm	21 to 50	6442 3 270- 21...50
<b>LSA-PLUS Series 2, 8-pair, Depth of cable space/frame: 22.5mm Hole pattern: 1</b>	22mm	1 to 16	6054 3 122- 01...16
<b>LSA-PLUS Series 2, 8-pair, Depth of cable space/frame: 25mm Hole pattern: 2</b>	22mm	17	6441 3 222-17
	30mm	3	6441 3 230-03
	30mm	9	6441 3 230-09
	50mm	9	6441 3 250-09
	50mm	17	6441 3 250-17

### Accessories

Set of 100 mounting screws (145x16), washers and nuts for back mount frames	6044 2 106-00
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## LSA-PLUS® and LSA PROFIL® Modules

Back Mount Frame with 27.5mm Module Spacing

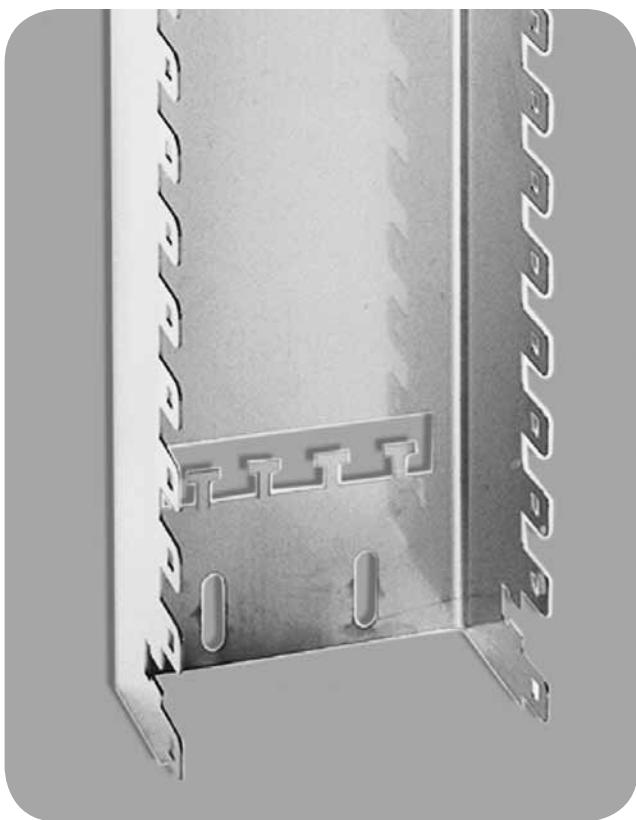


### ORDERING INFORMATION

Description	Number of Modules	Depth of Cable Space	Module spacing	Catalog Number
<b>LSA-PLUS Series 2, 10-pair, Depth of cable space/frame: 22mm Hole pattern: 2</b>	4	22mm	27.5mm	6569 3 054-11
	6	22mm	27.5mm	6569 3 054-12
	11	22mm	27.5mm	6569 3 054-13
	13	22mm	27.5mm	6569 3 054-15
<b>LSA-PLUS Series 2, 10-pair, Depth of cable space/frame: 50mm Hole pattern: 2</b>	10 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	27.5mm	6569 3 054-16
	20 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	27.5mm	6569 3 054-17
	30 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	27.5mm	6569 3 054-18

# LSA-PLUS® and LSA PROFIL® Modules

## Back Mount Frame



### FEATURES & BENEFITS

- Accommodates from 10 to 40 Series 2, 10-pair modules, plus an additional termination module, label holder or earth-wire module
- Blocks of 100 pairs separated from each other (spacing between groups of 10 modules is 30mm)
- Overall width: 104.5mm
- Module spacing: 22.5mm
- Depth of cable space/frame: 50mm

### ORDERING INFORMATION

Number of Modules	Depth of Cable Space	Module spacing	Dimensions (Length x Width)	Catalog Number
10 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	22.5mm	263mm x 104.5mm	5267 3 585-00
20 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	22.5mm	496mm x 104.5mm	5267 3 585-01
30 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	22.5mm	728mm x 104.5mm	5267 3 585-02
40 Series 2, 10-pair modules, plus 1 additional module or label holder	50mm	22.5mm	961mm x 104.5mm	5267 3 585-03

# LSA-PLUS® and LSA PROFIL® Modules

## Modular Back Mount Frame



### FEATURES & BENEFITS

- Total of 45 module mounting slots in two sections (one with 22 slots, one with 23)
- Five pre-stressed break-off points between the module's slits can be cut with a saw, allowing the frame to be cut on-site to the desired length
- Back of the frame contains both hole patterns 1 and 2
- Use of the maximum (45) mounting slots is recommended when a total of 100 pairs are to be terminated on a frame with a cable space depth of 22mm

### ORDERING INFORMATION

Module Type	Depth of Cable Space	Module Spacing	Catalog Number
Series 2, 8-pair	22mm	22.5mm	6973 1 200-02
Series 2, 10-pair	22mm	22.5mm	6973 1 210-02
	22mm	25mm	6973 1 210-12
	30mm	25mm	6973 1 210-13
	50mm	22.5mm	6973 1 210-04
	50mm	25mm	6973 1 210-14
	50mm	27.5mm	6973 1 210-24

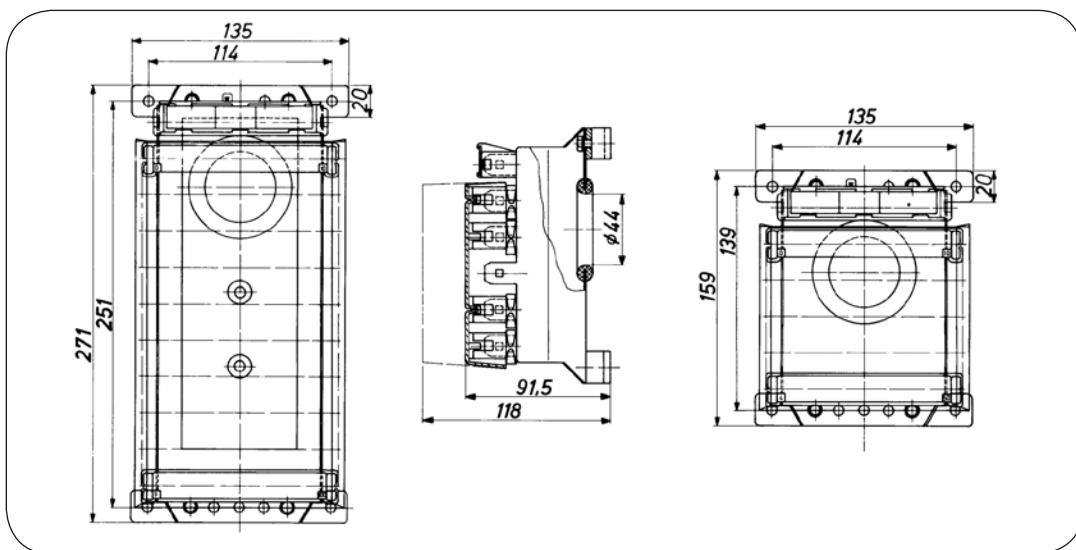
# LSA-PLUS® and LSA PROFIL® Modules

## Back Mount Frame for Cable Head Installations



### FEATURES & BENEFITS

- For installations with limited or narrow space
- Two sizes, accommodating five or ten LSA-PLUS® Series 2, 10-pair modules plus an additional termination module, label holder or earth-wire module
- No mounting materials (screws, nuts, washers) are included



### ORDERING INFORMATION

Description	Catalog Number
Back mount frame for Series 2, 10-pair modules, plus 1 additional module or label holder	
Size 1, total of 11 mounting spaces	6092 2 024-01
Size 2, total of 6 mounting spaces	6042 2 001-00

# LSA-PLUS® and LSA PROFIL® Modules

## Dust Cover



### FEATURES & BENEFITS

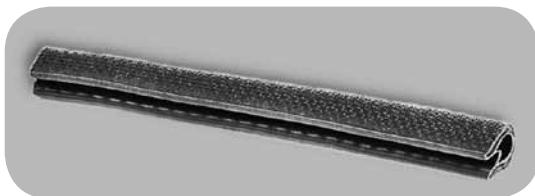
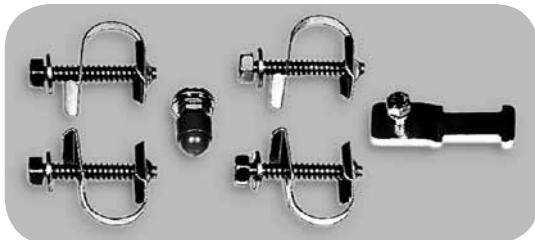
- Transparent cover protects LSA-PLUS® Series 2, 10-pair modules from dust and accidental disturbance of terminated cable
- The deeper version allows installation of overvoltage protection magazine

### ORDERING INFORMATION

Description	Catalog Number
Shallow dust cover	
100 pairs	6092 3 016-00
50 pairs	6092 3 016-01
10 pairs Note: if more than 1 cover is used, module spacing must be greater than 22.5mm	6089 2 097-00
Deep dust cover. Allows installation of overvoltage protection magazine	
100 pairs	6092 3 034-10
50 pairs	6092 3 034-11

## LSA-PLUS® and LSA PROFIL® Modules

Mounting accessories for Back Mount Frames



### ORDERING INFORMATION

Description	Catalog Number
Cable clamp kit for Series 2 cable head back mount frame Includes 4 clamps, 1 sheath contact screws, 1 clip	6092 2 017-00
Edge protection strip. Placed over unused positions in back mount frame	
120mm	6092 3 017-00
60mm	6092 3 017-01
Cable protection rings for 15mm diameter cables. Mount on rear of back mount frame to protect cable insulation	6050 3 044-00

# LSA-PLUS® and LSA PROFIL® Modules

## Profile Rod Frames



### FEATURES & BENEFITS

- Profile frame consists of 2 stainless steel profile rods, each 12mm in diameter and profile holders 46mm in depth
- Profile rod frame with 95mm distance between rods accommodates:
  - Series 2, 10-pair LSA PROFIL modules
  - Series 2, 8-pair LSA PROFIL modules
  - NT, 10-pair LSA PROFIL modules
  - HighBand® modules
  - HD 180 modules
- Profile rod frame with 75mm distance between rods accommodates:
  - Series 2, 8-pair LSA PROFIL modules
  - NT, 8-pair LSA PROFIL modules
  - Series 10 LSA PROFIL modules

### ORDERING INFORMATION

Description	HD 180	Series 2	Length of rods (mm)	Number of profile rod holders included	Catalog Number
<b>Profile rod frame with 95mm distance between rods. Number of modules accommodated</b>	20	12	299	2	6577 2 812-01
	40	24	574	2	6577 2 812-02
	60	36	861	3	6577 2 812-03
	80	48	1136	3	6577 2 812-04
	100	60	1423	4	6577 2 812-05
	120	72	1698	4	6577 2 812-06
<b>Profile rod frame with 75mm distance between rods. Number of modules accommodated</b>	-	12	299	2	6577 2 812-11
	-	24	574	2	6577 2 812-12
	-	36	861	3	6577 2 812-13

# LSA-PLUS® and LSA PROFIL® Modules

## Individual Profile Rods and Rod Holders

### FEATURES & BENEFITS

- Individual rods and rod holders may be ordered to construct a custom, modular frame
- Rod holders with a depth of 86mm are available: deeper profile frames are used when cable support elements and cable guides are used
- All profile holders accept 12mm diameter profile rods
- One profile holder should be placed for each 500mm of profile rod



### ORDERING INFORMATION

Description	Length of rods (mm)	Catalog Number
<b>Profile rod holder</b>		
Installation depth: 46mm		
Rod distance: 95mm		6577 2 834-00
Rod distance: 75mm		6577 2 834-01
Installation depth: 86mm		
Rod distance: 95mm		6577 2 860-00
Rod distance: 75mm		6577 2 860-01
Installation depth: 190mm		
Rod distance: 95mm		6577 2 844-00
Installation depth: 140mm		
Rod distance: 95mm		6577 2 868-00
<b>Profile rod</b>		
Diameter: 12mm steel, unthreaded ends Maximum number of Series 2 modules		
12	299	6577 3 835-01
18	447	6577 3 835-25
24	574	6577 3 835-02
33	750	6577 3 835-16
34	861	6577 3 835-03
48	1136	6577 3 835-04
55	1260	6577 3 835-08
60	1423	6577 3 835-05
72	1698	6577 3 835-06
76	1800	6577 3 835-07
88	2000	6577 3 835-14
100	2450	6577 3 835-21

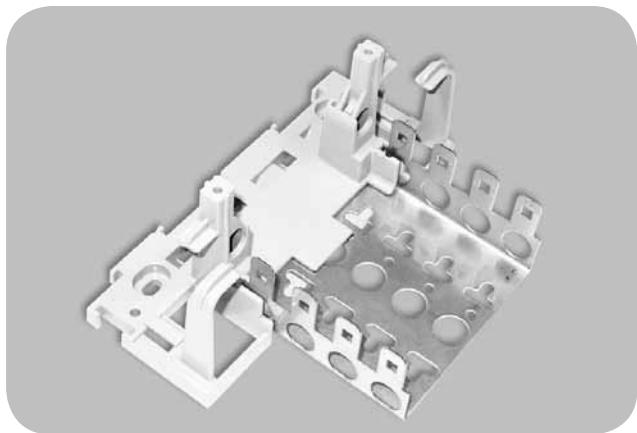
# Mounting Accessories

## Mounting Adapter



### FEATURES & BENEFITS

- Used for installation of small to medium indoor distributors
- Permits wall mounting of back mount frames or profile rods (95mm distance between poles)
- Snap-on feature allows additional adapters to be installed either vertically or horizontally

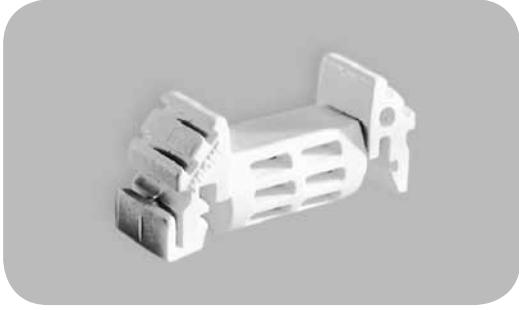
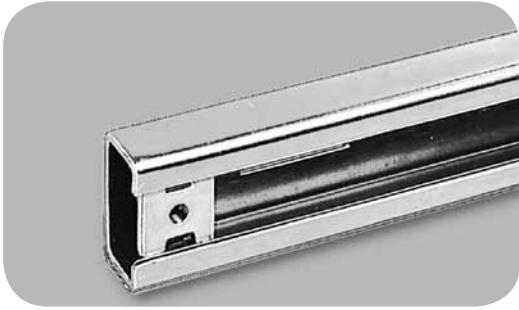
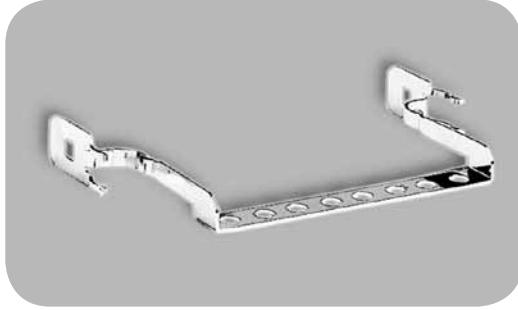
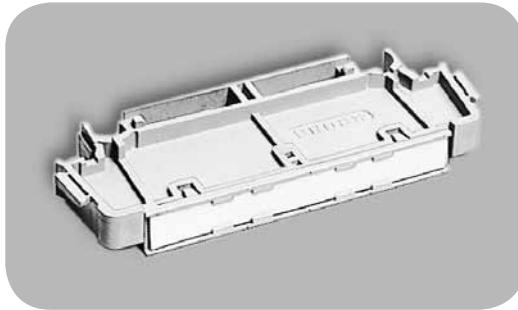
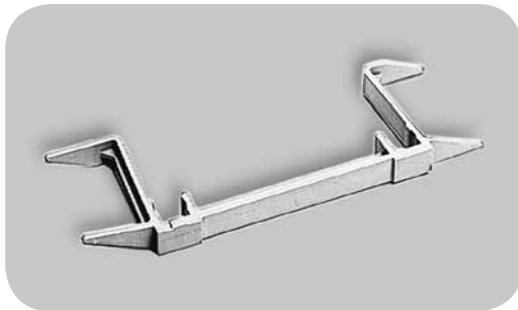


### ORDERING INFORMATION

Description	Dimensions (H x W x D)	Catalog Number
LSA-PLUS, LSA PROFIL mounting adapter Features 3 locations for cable attachment, 2 jumper guides, 2 mounting holes. Mounting hardware must be ordered separately	76mm x 195mm x 75mm	6455 3 027-00

## Mounting Accessories

### Profile Rod Installation Accessories



# Mounting Accessories

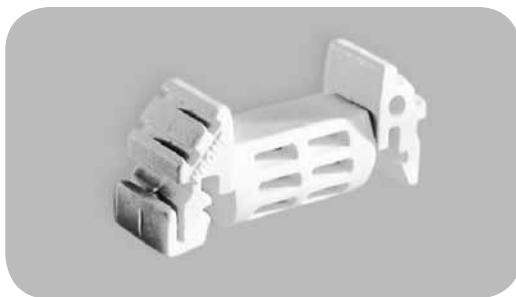
## Profile Rod Installation Accessories

### ORDERING INFORMATION

Description	Dimensions (H x W x D)	Catalog Number
<b>Profile rod accessories</b>		
<b>Bar bracket</b> For profile rods distance: 95mm Suitable for use with profile rods with M5 threaded rod Quantity: 2	50mm x 154mm x 44mm	6619 2 025-00
<b>Jumper hooks</b> Snap onto bar bracket Distance between hooks: 120mm Quantity: 4	Depth: 93mm	6619 2 031-00
<b>Jumper guide</b> Snaps onto profile rod Recommended spacing between frames: >60mm Quantity: 2	10mm x 45mm	6619 2 016-00
<b>End unit</b> Snaps on to top or bottom of profile rod installation of 10-pair modules. Also allows installation of a dust cover (requires 2 end units)		
63mm deep, with spring clip Recommended for use with dust cover Quantity: 2		6619 2 023-00
41mm deep, with spring clip Recommended for use with dust cover Quantity: 2		6619 2 030-00
41mm deep, without spring clip Quantity: 1		6619 2 018-00
<b>Spacer</b> Used to create uniform spacing in profile rod installations		
	Height: 2.5mm	6619 2 046-00
	Height: 5mm	6619 2 046-01
<b>Cable support bracket</b> For Series 2, 10-pair profile rod installations with distance between rods of 95mm		
With tabs for overvoltage protection	Depth: 35mm	6619 2 040-00
With drain wire clamp		6619 1 012-00
Without drain wire clamp		6619 3 073-00
<b>Earthing clamp</b> For wire diameters up to 5mm Mounts on profile rods. Includes screw and assembly instructions Quantity: 1		6619 2 016-00
<b>Earthing contact clip</b> Provides surge-current-proof earth connection between LSAS PROFIL distribution frames and overvoltage protection components. 2 clips required for each LSA PROFIL module Quantity: 20		6089 3 202-00

## Mounting Accessories

### DIN Rail Adapter

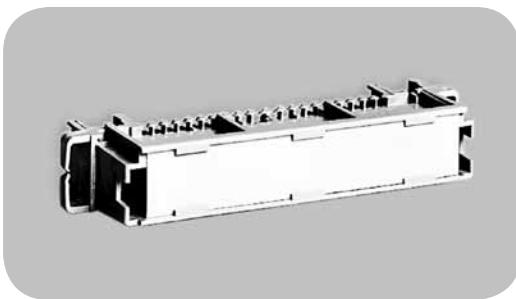
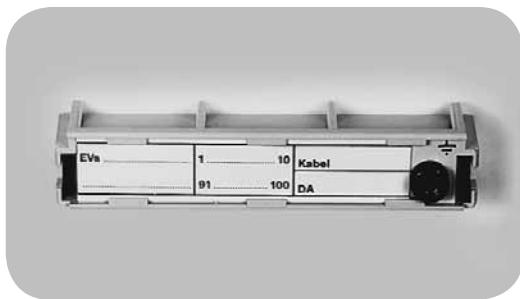


### ORDERING INFORMATION

Description	Catalog Number
DIN Rail adapter used to secure 35mm high LSA PROFIL modules onto DIN rails (DIN 50022) Quantity: 10	6461 2 013-00
<b>Protective Cover Strip for Series 2 10-pair Modules</b>	
Protective cover For Series 2 modules Protects cable leads or jumper wires; designed to break when attempt is made to remove it	
Gray	6089 3 050-00
Red	6089 3 050-10

# Labelling Accessories

## Label Holder Module

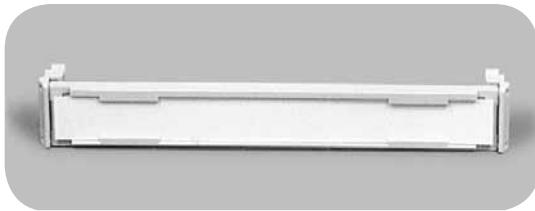


### ORDERING INFORMATION

Description	Dimensions (H x W x D)	Catalog Number
<b>Label holder module for back mount frames</b> Used for row identification Mounts in first or last position of back mount frame. Occupies space of one Series 2, 8- or 10-pair connection module Quantity: 1		
<b>8-pair module</b>	75mm x 13.2mm	6036 2 018-00
<b>10-pair modules</b>		
Blank	95mm x 25mm	6092 2 012-01
Printed	95mm x 17.9mm	6092 2 012-00
Blank	95mm x 17.9mm	6092 2 012-02
Blank, with earth socket	63mm x 17.9mm	6092 2 028-02
<b>PROFIL-mount label holder</b>		
8-pair module, 75mm profile rod spacing	75mm x 18mm	6753 2 008-00
10-pair module, 95mm profile rod spacing	95mm x 18mm	6753 2 009-00

## Labelling Accessories

### Hinged Label Holder

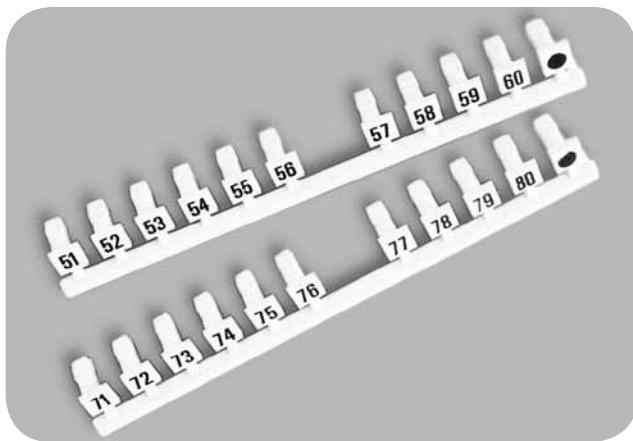


#### ORDERING INFORMATION

Description	Dimensions (H x W x D)	Catalog Number
<b>Hinged label holder</b> Snaps onto LSA-PLUS and LSA PROFIL Series 2, 8- or 10-pair modules, as well as overvoltage magazines. Transparent cover and paper label. Blank Quantity: 1		
8-pair modules	83.3mm x 11.5mm	6036 2 005-02
10-pair modules	102.5mm x 11.5mm	6089 2 015-01

# Labelling Accessories

## Number Flags for Series 2 Modules



### ORDERING INFORMATION

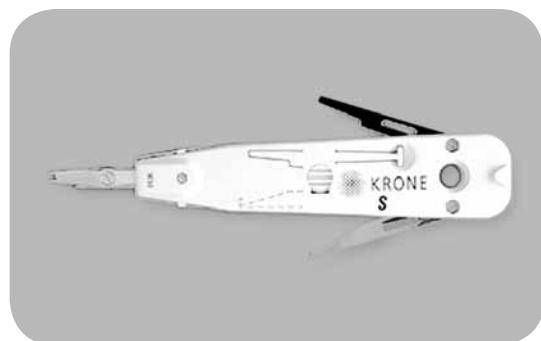
Color	Numbering	Quantity	Catalog Number
Gray	1.....50	1 piece each number	6089 2 077-00
Gray	51.....120	1 piece each number	6089 2 077-03
Gray	1....0	10 pieces	6089 3 023-00
Gray	10...100	10 pieces	6089 3 023-01
Red	1....0	10 pieces	6089 3 023-10
Gray	1...10	10 pieces	6089 3 023-40
Gray	11...20	10 pieces	6089 3 023-41
Gray	21...30	10 pieces	6089 3 023-42
Gray	31...40	10 pieces	6089 3 023-43
Gray	41...50	10 pieces	6089 3 023-44
Gray	51...60	10 pieces	6089 3 023-45
Gray	61...70	10 pieces	6089 3 023-46
Gray	71...80	10 pieces	6089 3 023-47
Gray	81...90	10 pieces	6089 3 023-48
Gray	91...100	10 pieces	6089 3 023-49

# Insertion Tools

## LSA-PLUS® Insertion Tools

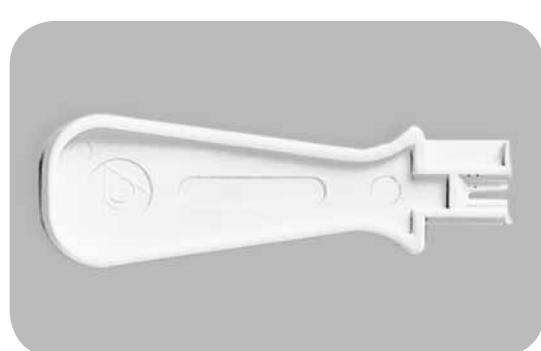
### Insertion Tool with Sensor

- Used with all LSA-PLUS® modules, as well as with RJ5 jacks and HighBand® modules
- For termination of wires with conductor diameter range 0.35 to 0.9mm; overall diameter range 0.7 to 2.6mm
- Features a sensor that detects the end of a wire when a termination has been completed. This feature is deactivated when a second lead is terminated in a contact
- Scissors can be deactivated so that jumper can be through-connected to neighboring contacts
- Service life
  - 0.4mm wire: 200,000 connections
  - 0.6mm wire: 100,000 connections
  - 0.8mm wire: 50,000 connections
- Also features cutting inhibitor clip, extraction hook and blade



### Simple Insertion Tool

- Used with all LSA-PLUS® modules, as well as with RJ5 jacks and HighBand® modules
- For termination of wires with conductor diameter range from 0.35 to 0.9mm; overall diameter range 0.65 to 2.6mm
- No scissors mechanism



### ORDERING INFORMATION

Description	Catalog Number
LSA-PLUS® insertion tool with sensor	6417 2 055-01
LSA-PLUS® simple insertion tool	6417 1 830-00

# LSA-PLUS® and LSA PROFIL® Series 2 Modules

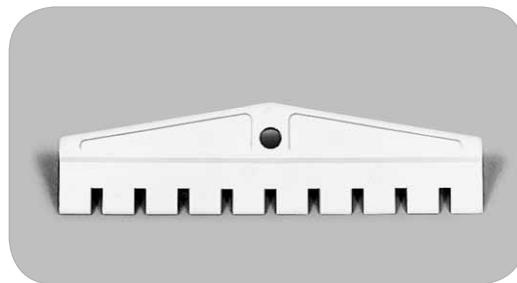
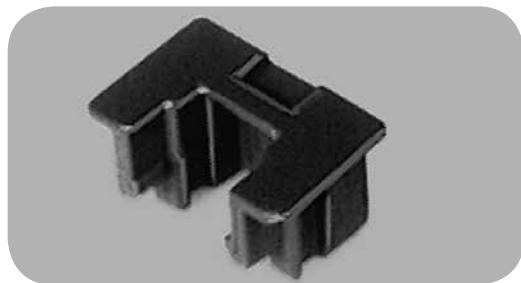
## Accessories: Plugs and Cords

### ORDERING INFORMATION

Description	Catalog Number
<b>Marking cap</b> 1-pair. Used for identification of connections Minimum order quantity: 100	6089 3 006-XX*
<b>Dummy plug</b> 1-pair. With marking area for identification of lines. Used to prevent access to connection modules or disconnection modules Minimum order quantity: 100	6417 3 105-XX*
3-pole, with extraction ring. Used for identification of lines and to prevent disconnection of Series 2 6-pair and 8-pair with shielding Minimum order quantity: 100 Color:	6417 3 101-XX*
<b>Disconnection plug</b> 1-pair. Used to interrupt connections in disconnection modules and test adapters Minimum order quantity: 100	6089 3 055-XX*
3-pole. Used to interrupt lines in Series 2 6-pair and 8-pair disconnection modules with shielding Minimum order quantity: 100	6417 3 100-XX*
10-pair. Used to interrupt 10 pairs at one time in disconnection modules Minimum order quantity: 1 Color: Gray	6089 3 130-01
8-pair. Used to interrupt 8 pairs at one time in disconnection modules Minimum order quantity: 1 Color: Gray	6418 1 811-00

\*For color, replace XX with:

Red	00
White	01
Green	02
Yellow	03
Gray	04
Black	05
Brown	06
Blue	07

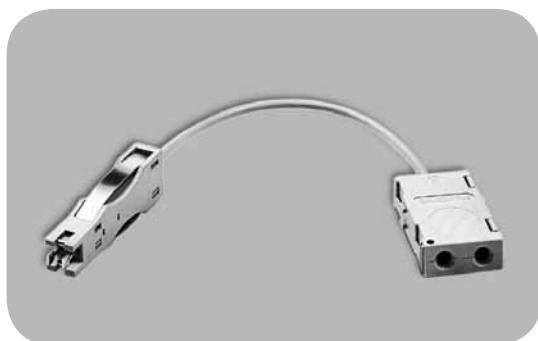


# LSA-PLUS® and LSA PROFIL® Series 2 Modules

## Accessories: Plugs and Cords

### Test Cord

The two-pole test cord features a 4mm double socket and can be used for almost all LSA-PLUS systems, including NT modules, Series 2, Series 8 or Series 10 modules, as well as two- to eight-pole PCB modules. The cord is used whenever the module's existing test access is already occupied by another plug (such as changeover adapters and/or disconnection adapters) or when a module has no special test access. The spring test contacts connect directly to the wired LSA-PLUS contact. Clamping ribs within the LSA-PLUS contact slot ensure that test plugs are securely retained.



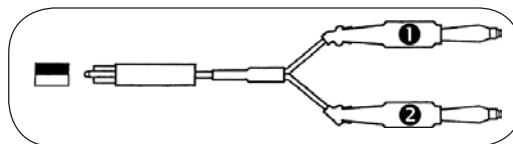
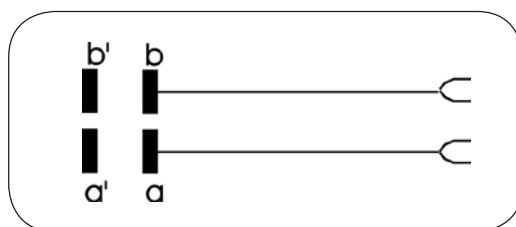
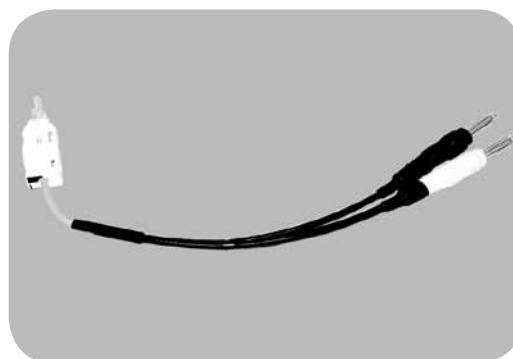
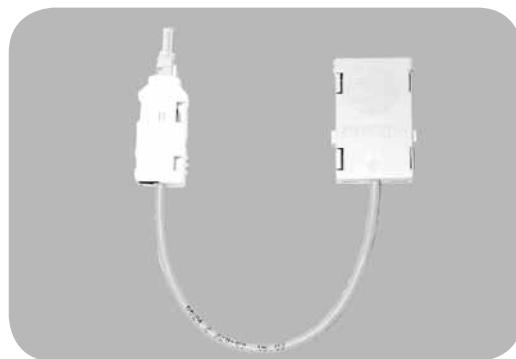
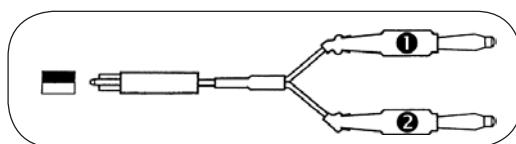
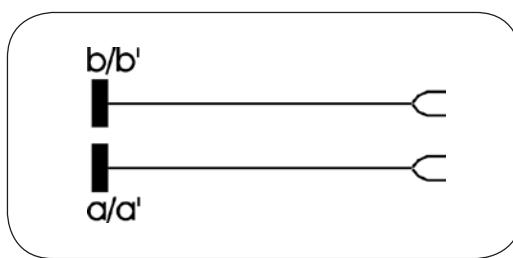
### ORDERING INFORMATION

Description	Catalog Number
2-pole test cord Length: 130mm	6089 2 141-00

# LSA-PLUS® and LSA PROFIL® Series 2 Modules

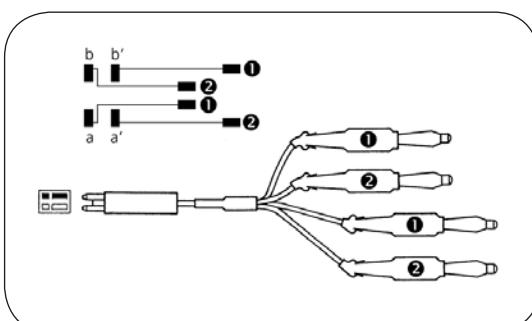
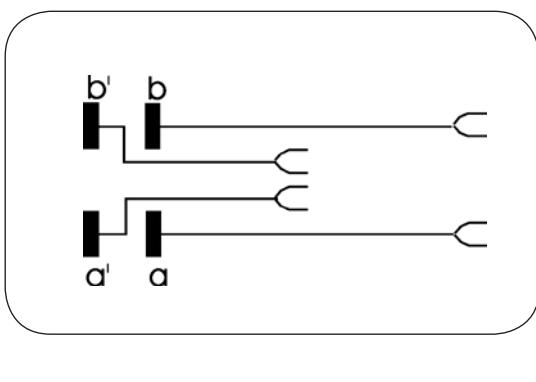
## Accessories: Plugs and Cords

### Test Cords



# LSA-PLUS® and LSA PROFIL® Series 2 Modules

## Accessories: Plugs and Cords



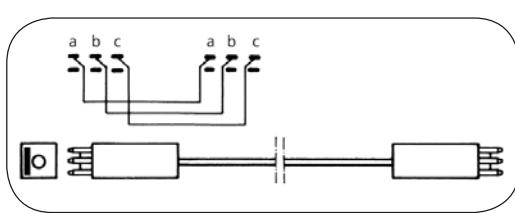
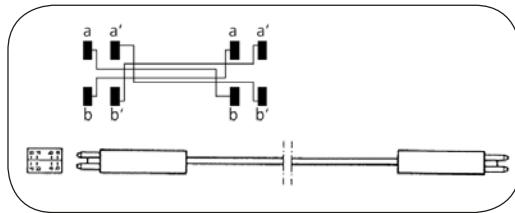
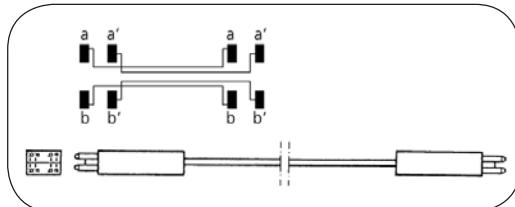
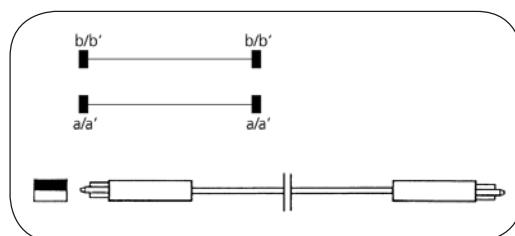
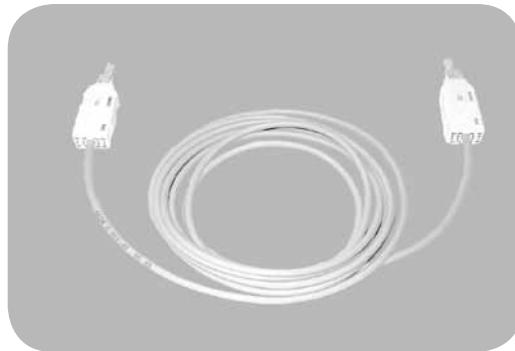
### ORDERING INFORMATION

Description	Catalog Number
<b>2-pole test cords</b>	
For use with LSA-PLUS and LSA-PROFIL modules	
1 LSA-PLUS plug, (2) 4mm banana plugs	
0.2 m	6624 2 061-02
6.0 m	6624 2 061-06
1 LSA-PLUS plug, (2) 4mm banana sockets	
0.20 m	6624 2 040-09
2.0 m	6624 2 040-02
<b>2-pole test cords 1 side access with disconnection function</b>	
For use with LSA-PLUS or LSA PROFIL disconnection modules	
1 LSA-PLUS plug, (2) 4mm banana plugs	
2.0 m	6624 2 521-02
6.0 m	6624 2 521-06
1 LSA-PLUS plug and (2) 4mm banana plug sockets	
0.20 m	6624 2 320-09
2.0 m	6624 2 320-02
<b>4-pole test cord with disconnection function</b>	
For use with LSA-PLUS or LSA PROFIL disconnection modules	
1 LSA-PLUS plug and (4) 4mm banana plugs	
2.0 m	6624 2 541-02
6.0 m	6624 2 541-06
1 LSA-PLUS plug, (4) 4mm banana plug sockets	
0.20 m	6624 2 340-09
6.0 m	6624 2 340-06

# LSA-PLUS® and LSA PROFIL® Series 2 Modules

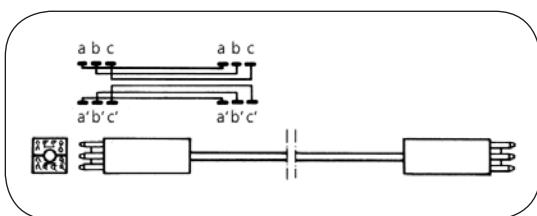
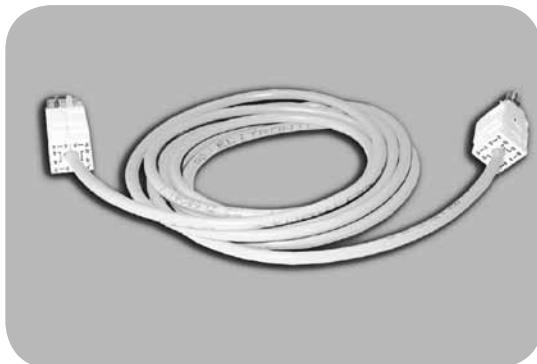
Accessories: Plugs and Cords

## Connection Cords



# LSA-PLUS® and LSA PROFIL® Connection Modules

## Series 2 Eight- and Ten-Pair Modules

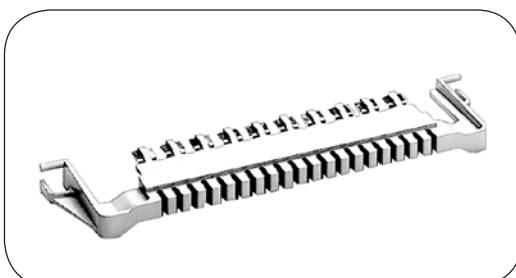
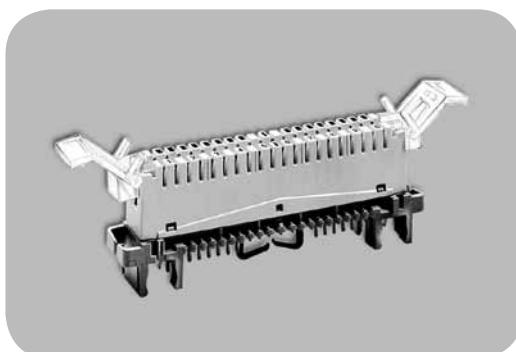
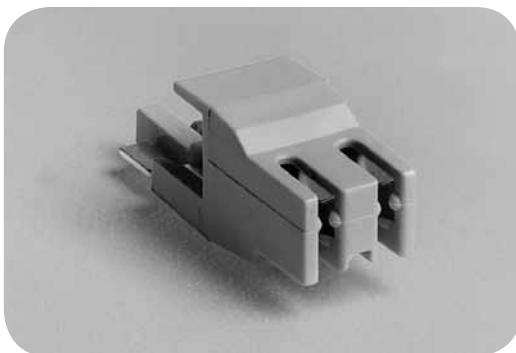
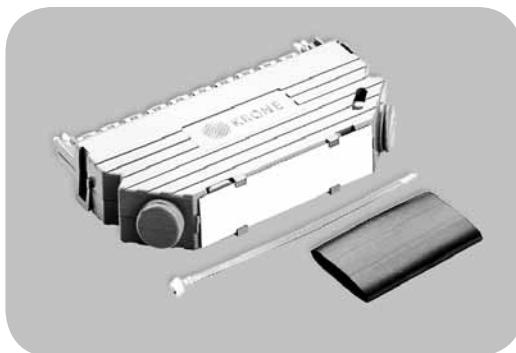


### ORDERING INFORMATION

Description	Catalog Number
<b>2-pole connection cord</b>	
For parallel connections. Features (2) 2-pole plugs	
2.0 m	6624 2 081-02
6.0 m	6624 2 081-06
<b>4-pole connection cord with disconnection function</b>	
For use with LSA-PLUS and LSA PROFIL disconnection modules.	
Features (2) 4-pole plugs, with a/a and b/ cross-connected	
2.0 m	6624 2 821-02
6.0 m	6624 2 821-06
<b>3-pole connection cord with disconnection function</b>	
For use with LSA-PLUS and LSA PROFIL disconnection 6- and 8-pair modules	
with shielding. Features (2) 3-pole plugs, with abc and abc cross-connected	
2.0 m	6626 2 801-02
6.0 m	6626 2 801-06
<b>6-pole connection cord with disconnection function</b>	
For use with LSA-PLUS and LSA PROFIL disconnection 6- and 8-pair	
modules with shielding. Features (2) 6-pole plugs, with 1:1 wiring	
2.0 m	6626 2 901-02

# LSA-PLUS® and LSA PROFIL® Connection Modules

## Series 2 Eight- and Ten-Pair Modules



### ORDERING INFORMATION

Description	Catalog Number
<b>10-pair, 40-pole plug with PCB insert</b> For use with 10-pair LSA-PLUS and LSA PROFIL disconnection or switching modules. For use with AWG 28 to AWG 24 stranded wire, cable diameter up to 12mm	
<b>Includes:</b> <ul style="list-style-type: none"><li>• Release device (Catalog number 6089 1 251-00)</li><li>• Cable ties for strain relief</li><li>• 2 feed-in possibilities</li><li>• Separate earth contact</li><li>• Plastic label: 71 x 18mm</li></ul>	6697 1 002-10
<b>10-pair release device</b> For use with the 10-pair, 40-pole plug with PCB, or 8- and 10-pair overvoltage protection magazine. Includes 18 x 6.5mm label	6089 1 251-00
<b>Disconnection adapter</b> Opens jumpered line and accesses the line from one side	
1-pair	6089 2 098-00
10-pair, printed 1...0	6089 2 099-00
<b>Changeover adapter</b> For interruption-free changeover of wiring on connection and disconnection modules	
1-pair	6089 2 093-00
10-pair, without printing	6089 2 081-01
10-pair, printed 1...0	6089 2 081-02

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